DOIT
Operations Technical Support

S390 Software

Standards for
CA-ONE Tape Vaulting

Date: 07/20/2005

TAPE VAULTING STANDARDS ARE DRIVEN BY DISASTER/RECOVERY

- In case of disaster we move to an offsite location – called a hotsite
- The entire contents of the DOIT tape vault are taken to the hotsite
- Only vaulted tapes are accessible at the hotsite
- For more info contact DOIT D/R Coordinator James Grochowski at 622-2114

TAPES ARE VAULTED FOR TWO REASONS ONLY

- **Archival Purposes**
  - Tape data must be retained for legal reasons (i.e. Statute of Limitations)
  - These tapes are not used to restore active user data at hotsite
- **Recovery of User Data at Hotsite – Performed by User**
  - First DOIT automatically restores all user data at hotsite from DOIT backup tapes
  - User may opt to subsequently execute their own data restores from their own backup tapes

TAPES ARE NEVER VAULTED FOR ONSITE RECOVERY

- User must create onsite tapes if onsite recovery is done from their own backup tapes
- This only applies if onsite DOIT backup tapes are not sufficient for recovery

CA-1 VAULT NAMES

- **DREC** is the only valid vault name
- **CAP2** is no longer a valid vault name and will be phased out by 12/01/2005

CA-1 VAULT PATTERNS

- Users no longer request vault patterns for tape datasets
- Vault patterns are now global - based on generic dataset names beginning with **DREC…**
- All active generations of vaulted tape datasets reside in the vault

CA-1 VAULTED TAPE DATASET NAMES

- **All** tape datasets beginning with the high-level-qualifier **DREC…** are vaulted
- **Only** tape datasets beginning with the high-level-qualifier **DREC…** are vaulted
- Dsname must contain three-byte Production Nonvsam Agency code ex: **DREC.DCP….**

CA-1 VAULT RETRIEVAL BY USERS

- Users may request a vaulted tape be returned to DOIT only in special circumstances:
  - Access to Archival tape data is required
  - User must recover data from a user backup tape and the onsite backup tape is damaged

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Standards for
CA-ONE Tape Vaulting (contd)

Date: 07/18/2005

VAULT CLEANUP/CONVERSION PROJECT - OVERVIEW

- Cleanup vault by deleting obsolete tape datasets
- Convert all tape datasets that are not named **DREC…** to new dataset names
- Create duplicate onsite copies when vaulted tape datasets require onsite usage
- You will be contacted by DOIT Technical Support with details and assistance

VAULT CLEANUP/CONVERSION PROJECT - DETAILS

1. **User Deletes Obsolete Tape Datasets**
   - Review inventory of your vaulted tape datasets in library: **P.TAPES.VAULT**
   - Review all tape datasets – including DREC….
   - Uncatalog obsolete tape datasets via ISPF 3.4 or IDCAMS Batch Job

2. **User Reviews Tape Dataset Vaulting Requirements**
   - Is this tape required for Archival purposes?
   - Is this tape required for active data recovery by user at hotsite?
   - If none of the above:
     - Mark this tape dataset to be removed from the vault
     - It will be returned to DOIT and reside onsite in the tape library

3. **Tape Dataset Required for Archival Purpose**
   - Tape dataset may need to be copied to new dataset name of **DREC…**
   - Production jobs which create these tapes may need to be changed
   - If production jobs read these tapes - then duplicate onsite VTS copies must be created

4. **Tape Dataset Required for Recovery of User Data at Hotsite**
   - Tape dataset may need to be copied to new dataset name of **DREC…**
   - Production jobs which create these tapes may need to be changed
   - If production jobs read these tapes - then duplicate onsite VTS copies must be created
   - If tapes used for onsite data recovery - then duplicate onsite VTS copies must be created

5. **Selected Users may Convert from 3480 Cartridges to 3590 Magstars**
   - 3590 Magstars are high-capacity tapes holding up to 30 gigabytes of data
   - Archival data is a good candidate for Magstars using a stacked multi-file setup
   - DOIT Tech Support will contact eligible users and will also assist in conversion